

Descriptions of Local Source Water Protection Assistance Program Funded Projects

| Grant Recipient | Grant Amount | Grant Year | Description |
|----------------------------------|--------------|------------|---|
| City of Augusta | \$13,620 | 2014 | Plugging of 4 unused Public Water System wells within their Wellhead Protection Area. |
| Carrolton Utilities | \$33,200 | 2014 | Water level monitoring, trichloroethylene contaminant sampling, and production of a water education video. |
| Louisville Water Company | \$15,925 | 2014 | Collaboration with U. S. Geological Survey and Louisville Metropolitan Sewer District to locate unused water wells and inventory unused septic systems within their Wellhead Protection Area. Educational materials developed and sent to residents within their Wellhead Protection Areas, with focus on proper abandonment of unused domestic wells and septic tanks. |
| City of Wingo | \$4,500 | 2014 | Plugging of 1 unused Public Water System well within their Wellhead Protection Area. |
| City of Horse Cave | \$47,000 | 2015 | Collaboration with the American Cave Conservation Association to conduct public education, soil and water sampling, and hazard mapping around Hidden River Cave. |
| Louisville Water Company | \$34,320 | 2015 | Plugging of multiple unused wells and properly abandoning unused septic systems within their Wellhead Protection Area. Collaborating with U.S. Geological Survey and Louisville Metropolitan Sewer District to conducted water quality monitoring on observation wells and select domestic wells. |
| Mt Sterling Water and Sewer | \$50,000 | 2015 | Implementation of Best Management Practices to address nutrient loading and cyanobacteria growth in Greenbrier Creek Reservoir. |
| Trimble County Water District #1 | \$5,318 | 2015 | Public education and outreach activities for customers that live in and adjacent to their Wellhead Protection Area. Major components of the project included creation of Wellhead Protection Area brochures and maps and a customer appreciation cookout |

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| Western Lewis Rectorville | \$9,050 | 2015 | Plugging of 2 unused Public Water System wells within their Wellhead Protection Area. |
| City of Georgetown | \$50,000 | 2016 | Construction of a bioretention / rain garden system at Suffoletta Park within their Wellhead Protection Area. |
| Hardin County Water District #1 | \$49,999 | 2016 | Collaborating with the Kentucky Geological Survey to install a continuous monitoring station to collect near real-time-data to assess discharge, water temperature, pH, specific conductance, and turbidity of Head-of-Rough Spring. Public outreach at schools to educate students on karst water resources. |
| City of Hawesville | \$12,488 | 2016 | Plugging of 4 unused Public Water System wells within their Wellhead Protection Area. |
| Louisville Water Company | \$38,000 | 2016 | Implementation of management strategies within their Wellhead Protection Plan for unused wells, water quality monitoring, and identification of additional risks with unused septic systems. Plug and abandon private unused wells and septic systems which pose the highest threat to the aquifer. |
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